

10/516879

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                  |   |                   |
|----------------------------------|---|-------------------|
| In re Patent Application of      | ) |                   |
| Paolo Massimo BUSCEMA            | ) | Group Art Unit:   |
| Application No.:                 | ) | Examiner:         |
| Filed: December 2, 2004          | ) | Confirmation No.: |
| For: A METHOD FOR ENCODING IMAGE | ) |                   |
| PIXELS, A METHOD FOR             | ) |                   |
| PROCESSING IMAGES AND A          | ) |                   |
| METHOD FOR PROCESSING IMAGES     | ) |                   |
| AIMED AT QUALITATIVE             | ) |                   |
| RECOGNITION OF THE OBJECT        | ) |                   |
| REPRODUCED BY ONE OR MORE        | ) |                   |
| IMAGE PIXELS                     | ) |                   |

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date December 13, 2005

By: William C. Rowland

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# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number

Filing Date

First Named Inventor

Examiner Name

Attorney Docket Number

December 3, 2004

Paolo Massimo Buscema

Unassigned

008788-085

## **U.S. PATENT DOCUMENTS**

| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
|-------------------|-----------------|----------------------|---|-------------------------------------|
|                   | 6,324,300       | B1                   | Doll  | 11-27-2001                          |
|                   | 4,776,025       | A                    | Hosoda  | 10-04-1988                          |
|                   | 6,238,342       | B1                   | Feleppa et al.                                  | 05-29-2001                          |
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## **FOREIGN PATENT DOCUMENTS**

| Examiner Initials | Document Number | Kind Code (if known) | Country | Date of Publication (MM-DD-YYYY) | STATUS      |                     |                    |               |      |          |               |
|-------------------|-----------------|----------------------|---------|----------------------------------|-------------|---------------------|--------------------|---------------|------|----------|---------------|
|                   |                 |                      |         |                                  | Translation | Partial Translation | Eng. Lang. Summary | Search Report | IPER | Abstract | Cited in Spec |
|                   |                 |                      |         |                                  |             |                     |                    |               |      |          |               |
|                   |                 |                      |         |                                  |             |                     |                    |               |      |          |               |
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|                   |                 |                      |         |                                  |             |                     |                    |               |      |          |               |

## **NON-PATENT LITERATURE DOCUMENTS**

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                  |
|-------------------|--|
|                   | <b>N. Petrick et al., "Automated Detection of Breast Masses on Mammograms Using Adaptive Contrast Enhancement and Texture Classification", Medical Physics, American Institute of Physics, Vol. 23, No. 10, 10/1/1966, New York, USA, pp. 1685-1696 (cited in search report)</b> |
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Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.